

# CITY OF RANCHO PALOS VERDES

## ADA ACCESS IMPROVEMENT PROJECT - BUS STOP

# PROJECT NO. 022217 THIS IS A FEDERAL AID PROJECT COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) NO. 601795-16



CCS-83, ZONE V, AS DETERMINED LOCALLY BETWEEN CSRC STATIONS PVE3 AND PVHS, BEING: CSRC STATIONS PVE3 AND PVHS, BEING:
DATUM: NAO-83
PROJECTION: CCS-83
ZONE: V
EPOCH: NSRS2007 00
COMBINATION FACTOR: 100006425
NOTE: COORDINATES AND DISTANCES INVERSED FROM
COORDINATES ARE GRID. TO GOSTAIN GROUND DISTANCES
DIVIDE THE GRID DISTANCE BY THE COMBINATION FACTOR.

### SHEET INDEX

- TITLE SHEET
- PLAN AND PROFILE

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), THE CITY OF RANCHO PALOS VERDES STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION, THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS & SPECIFICATIONS, & PROJECT SPECIAL PROVISIONS, EACH OF THE MOST RECENT DATE.

2. THE CONTRACTOR SHALL NOTIFY THE CITY OF RANCHO PALOS VERDES AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO STARTING CONSTRUCTION, AT (310) 544-5252.

3. ALL UNDERGROUND FACILITIES SHALL BE INSTALLED PRIOR TO SURFACING OF STREETS. THE INSTALLATION OF ALL UNDERGROUND FACILITIES CROSSING EXISTING ARTERIAL HIGHWAYS REQUIRES BORING OR JACKING, UNLESS OTHERWISE APPROVED BY THE CITY OF

4 TRAFFIC CONTROL AND SAFETY DEVICES SHALL BE INSTALLED PER THE 2014 EDITION OF THE CALIFORNIA MUTCD. AND TO THE SATISFACTION OF THE CITY OF RANCHO PALOS VERDES.

5. EXISTING PAYEMENT DISTURBED BY THE CONSTRUCTION OF UNDERGROUND INSTALLATIONS SHALL BE REPLACED IN KIND & RESTRIPED. A PERMIT ISSUED BY THE CITY OF RANCHO PALOS VERDES IS REQUIRED.

6 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR AND COORDINATE THE RELOCATION OF ANY EXISTING UTILITIES

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES. ANY DAMAGE TO SUCH FACILITIES CAUSED BY HIS WORK SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

8. THE CONTRACTOR SHALL MAINTAIN ADJACENT STREETS IN A NEAT, CLEAN, DUST FREE AND SANITARY CONDITION TO THE SATISFACTION OF THE CITY'S INSPECTOR. THE ADJACENT STREETS SHALL BE KEPT CLEAN OF DEBRIS,WITH DUST AND OTHER NUISANCES BEING CONTROLLED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CLEAN UP ON ADJACENT STREETS AFFECTED BY HIS CONSTRUCTION. STOCKPILING OF MATERIALS WITHIN THE PUBLIC RIGHT-OF-WAY IS NOT ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY

9. CONTRACTOR SHALL OBTAIN ALL REQUIRED O.S.H.A. PERMITS PRIOR TO CONSTRUCTION OF UNDERGROUND FACILITIES.

10. WHEELCHAIR RAMPS, DRIVEWAY APRONS, CURBS, OR GUTTERS DISTURBED BY CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. A PERMIT ISSUED BY THE CITY OF RANCHO PALOS VERDES IS REQUIRED.

11. ALL SAWCUTS SHALL BE DONE BY THE WET-CUT METHOD, UNLESS OTHERWISE APPROVED BY THE ENGINEER, AND ALL SLURRY SHALL BE

12 CONSTRUCTION SHALL BE ADJUSTED AS NECESSARY TO MATCH EXISTING CONDITIONS. USES, AND PROVIDE POSITIVE SURFACE DRAINAGE, EXACT LIMITS AND CONFIGURATION OF WORK TO BE ADJUSTED AS DIRECTED BY THE ENGINEER IN THE FIELD.

13. TOPOGRAPHIC INFORMATION SHOWN HEREIN HAS BEEN PROVIDED BY THE CITY OF RANCHO PALOS VERDES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE CORRECTNESS OF TOPOGRAPHIC INFORMATION FOR HIS OWN PURPOSES

14. THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION MARKINGS FROM THE PROJECT BY POWER WASHING, INCLUDING THOSE PLACED FOR UTILITY LOCATING AND CONSTRUCTION SURVEYING, WASTE FROM POWER WASHING MUST BE DISCHARGED IN COMPLIANCE WITH NPDES.

NOTICE: ACTUAL EXISTING SITE CONDITIONS MAY DIFFER FROM THOSE SHOWN. THE CONTRACTOR SHALL VERIFY SITE CONDITIONS PRIOR TO BIDDING LOCATION OF EXISTING AND ABANDONED UTILITIES IS UNKNOWN OR FROM RECORD DATA ONLY. THE CONTRACTOR SHALL VERIFY TO HIS SATISFACTION LOCATIONS OF ALL UTILITIES PRIOR TO BIDDING AND CONSTRUCTION. CONTRACTOR SHALL MAINTAIN AS-BUILT RECORDS OF EXISTING UTILITIES AND INFORM THE ENGINEER IN CASE OF DISCREPANCIES.

THE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY. AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONA

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

THE CONTRACTOR SHALL VERIFY THE PRESENCE, LOCATION, AND MATERIAL OF ALL AFFECTED OR CONFLICTING UTILITIES AS NECESSARY FOR CONSTRUCTION. UTILITY VERIFICATION AND NOTIFICATION SHALL BE MADE IN A TIMELY MANNER SO AS TO ALLOW FOR ALTERNATIVE PLANNING WITHOUT AFFECTING THE CONSTRUCTION SCHEDULE MATERIALLY.

### BEST MANAGEMENT PRACTICES

WM-1 MATERIAL DELIVERY AND STORAGE

Provide a material storage area with secondary containment and/or weather protection. Note the maintenance practices and schedule proposed for this area.

Hazardous materials, fertilizers, pesticides, plasters, solvents, paints, and other compounds must be properly handled in order to reduce the risk of pollution or contamination. Training and information on procedures for the proper use of all materials must be available to the employees that apply such materials.

### WM-3 STOCKPILE MANAGEMENT

Ensure that all stockpiles are properly covered and contained, so that no run-off may occur.

### WM-4 SPILL PREVENTION AND CONTROL

Identify spill prevention and control measures to spills will be cleaned and properly disposed of.

Provide designated waste collection areas and containers. Arrange for regular disposal. Provide covered storage with secondary containment. Containers are required to protect waste from rain to pollution and prevent wind dispersal.

### WM-6 HAZARDOUS WASTE MANAGEMENT

Hazardous materials must be disposed of in accordance with State and Federal regulations, identify the proposed methods of disposal and any special handling contracts that may be applicable

### WM-7 CONTAMINATED SOIL MANAGEMENT

Prevent or reduce the discharge of pollutants to stormwater from contaminated soil and highly acidic or alkaline soils by conducting preconstruction surveys, inspecting excavations regularly, and remediating contaminated soil promptly.

### WM-8 CONCRETE WASTE MANAGEMENT

Store dry and wet materials under cover. Avoid on-site washout except in designated areas away from drains, ditches, streets, and streams. Oncrete waste deposited on site shall set-up, be broken apart, and disposed of properly. Containment and proper disposal is required for all concrete waste.

WM-9 SANITARY/SEPTIC WASTE MANAGEMENT
Untreated raw wastewater is not to be discharged or buried. Sanitary sewer facilities on site are required to be in compliance with local health agency requirements. Sanitary or septic wastes must be treated or disposed of in accordance with State and local

Liquid waste is not to be discharged or buried. Liquid waste disposal on site is required to be in compliance with local health agency

TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT A stabilized entrance/exit is required for all construction sites to ensure that dirt and debris are not tracked onto the road or adjacent property. Maintenance of such a system is required for the duration of the project. Such stabilization may be of rock or paved.

SE-6 GRAVEL BAG Eroded sediments must be retained on the site and obtained sediments must be retained sediment

### WE-1 WIND EROSION CONTROL

Water areas where wind conditions are causing migration of visible dust more than 100' from the active source.

### NS-1 WATER CONSERVATION PRACTICES

Inspect site during project execution for evidence of illicit discharges or illegal dumping. Remove, dispose and replace damaged, deteriorated or otherwise unsuitable BMPs.

### NS-2 DEWATERING OPERATIONS

Inspect site during project to remove non-storm water and accumulated precipitation

### NS-3 PAVING AND GRINDING OPERATIONS

Inspect and maintain machinery regularly to minimize leaks and drips. Bi-weekly, ensure that employees and subcontractors are implementing appropriate measures during paving operations. Cover storm drain inlets with a solid cover, not filter fabric, except during rain.

### NS-6 ILLICIT CONNECTION/ILLEGAL DISCHARGE REPORTING

Notify the Resident Engineer of any illicit discharges or illegal dumping incidents at the time of discovery. Make sure all reports and documents are filled out.

Discharge of potential pollutants will be inspected weekly

Inspect Vehicle and Equipment Cleaning practices daily, and assure that no pollutants are running off the designated clean off area. The clean off area, should be secure and safe from run off onto the site. Notify the RE if incidents of runoff occur.

### NS-9 VEHICLE AND EQUIPMENT FUELING

Inspect Vehicle and Equipment, Fueling practices daily, and assure that no pollutants are running off the designated clean off area. The clean off area, should be secure and safe from run off onto the site. Notify the RE if incidents of runoff occur.

### NS-10 VEHICLE AND EQUIPMENT MAINTENANCE

Inspect Vehicle and Equipment, Maintenance practices daily, and assure that no pollutants are running off the designated clean off area. The clean off area, should be secure and safe from run off onto the site. Notify the RE if incidents of runoff

### NS-11 PILE DRIVING OPERATIONS

Fine proper control and use of equipment, materials, and waste products from pile driving operations to reduce discharge of potential pollutants offsite. Ensure that employees and sub contractors

NS-13CONCRETE FINISHING

Ensure that employees and sub contractors implement appropriate measures for storage and handling of curing compounds. Inspect cure containers and spray equipment for leaks and spills daily at the beginning and end of shift when this operation is to be used. Inspect any diversion devices for debris, remove debris as necessary.

# UNDERGROUND SERVICE ALERT (USA)

VICINITY MAP

NO SCALE

IT'S THE LAW! DIAL BEFORE



UTILITY COMPANY CONTACT INFORMATION
CITY OF RANCHO PALOS VERDES
SOUTHERN CALIFORNIA EDISON COMPANY
SOUTHERN CALIFORNIA GAS COMPANY
VERIZON
CALIFORNIA WATER SERVICE COMPANY
COMPANY
CONTROL WICATIONS

SANITATION DISTRICT OF LOS ANGELES COUNTY

COX COMMUNICATIONS COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS

STORM DRAIN) COUNTY OF LOS ANGELES, DEPARTMENT OF PUBLIC WORKS



POINT VICENTE

PACIFIC OCEAN



(626) 458-3109

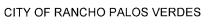
(626) 458-4357

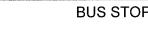
(562) 699-7411 X1205 (800) 227-2600



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	DESCRIPTION		APPROVED			
	REVISIONS			DATE	5/1/17	-



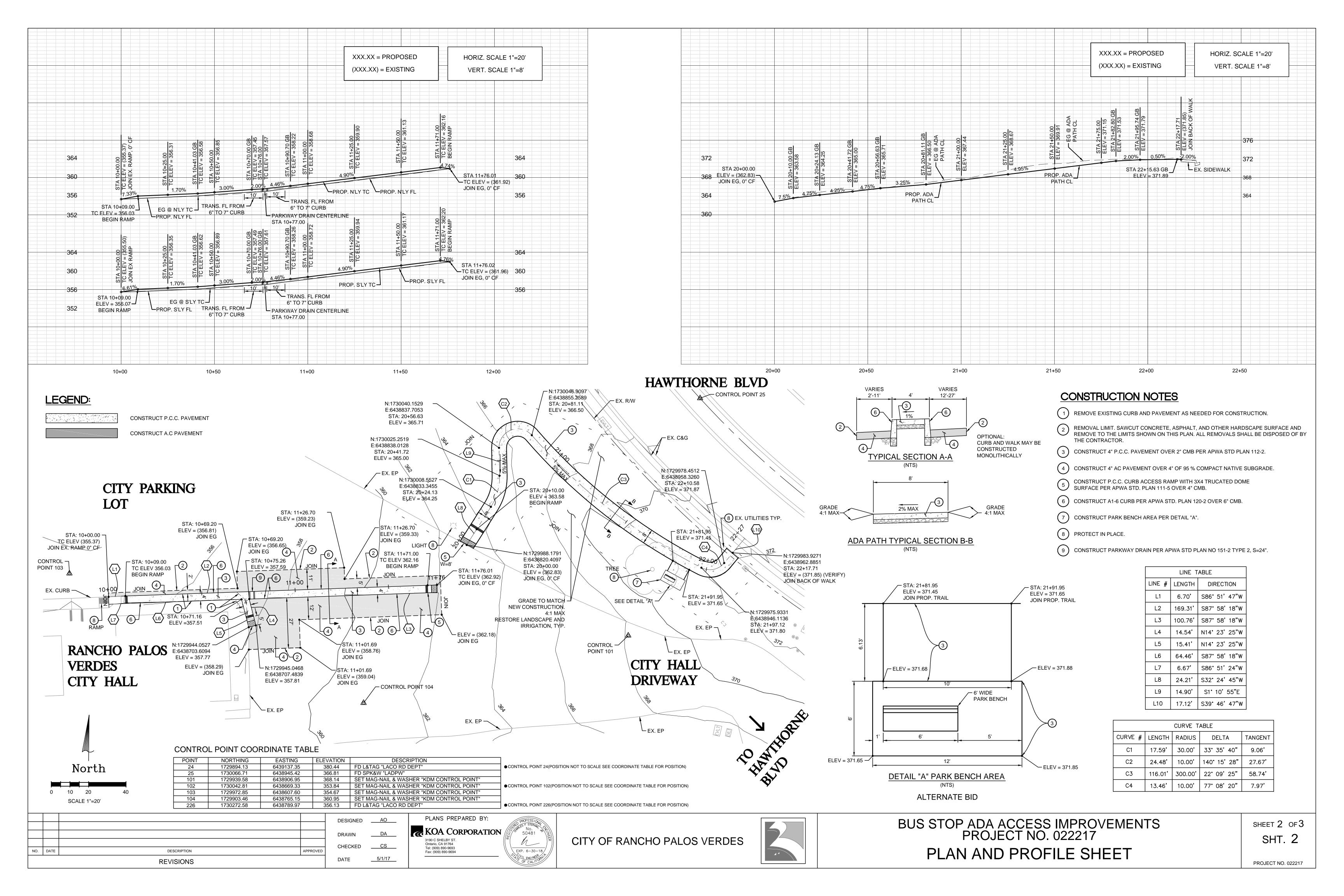




BUS STOP ADA ACCESS IMPROVEMENTS PROJECT NO. 022217 TITLE SHEET

SHEET 1 OF 3 SHT. 1

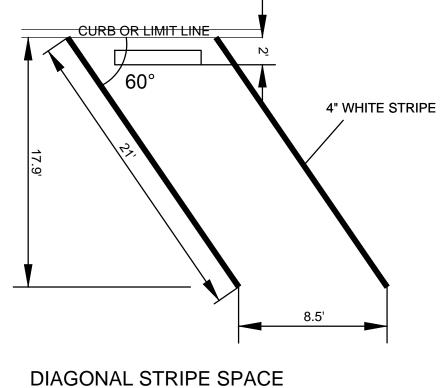
PROJECT NO. 022217

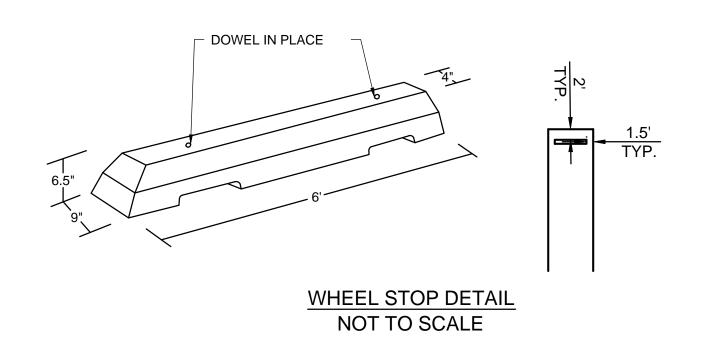


# SIGNING & STRIPING NOTES

ALL STRIPING, MARKINGS, AND SYMBOLS SHALL BE PAINTED PER MUTCD SPECIFICATIONS. STRIPING SHALL BE LAID OUT AND APPROVED BY THE ENGINEER PRIOR TO PAINTING.

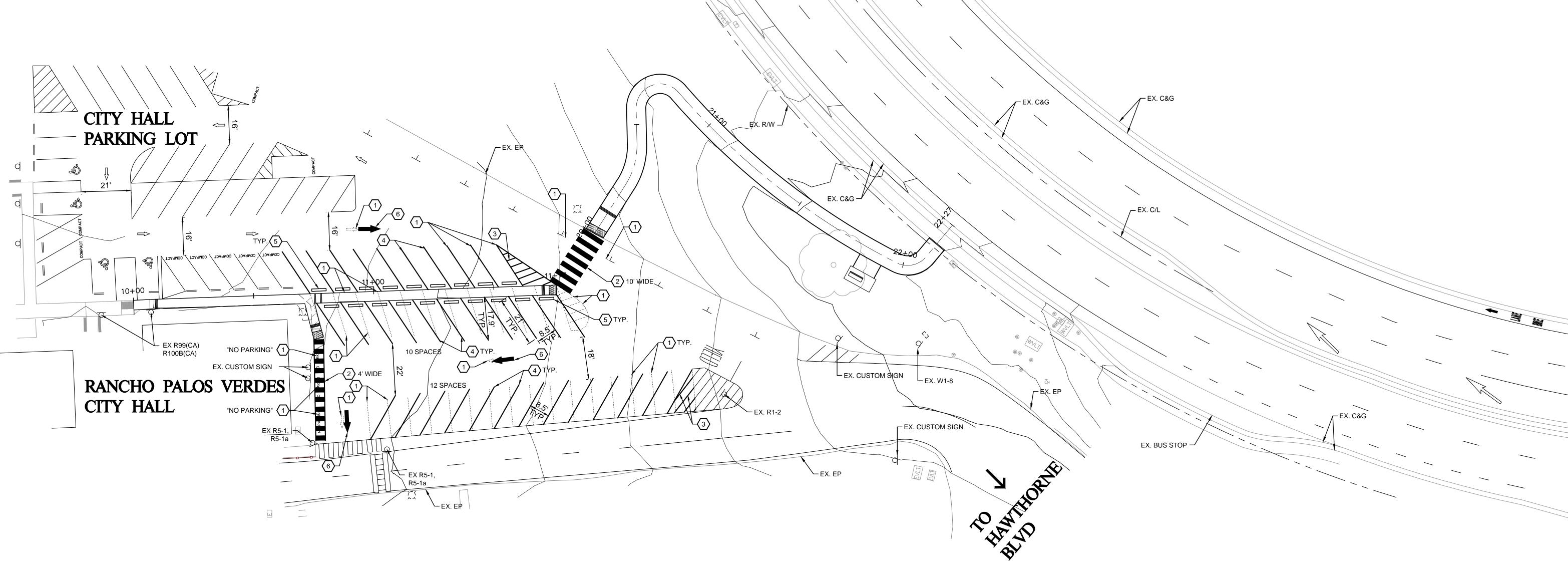
- 1 REMOVE EXISTING STRIPING BY SAND BLASTING.
- 2 APPLY 12" CROSSWALK/LIMIT LINE PER CALTRANS STD. PLAN A24E. CROSSWALK LONGITUDINAL LINES SHALL BE 24" WIDE AND SPACED 24" APART AS SHOWN ON THE PLAN.
- 3 INSTALL 4" WHITE DIAGONAL STRIPE 5' O.C.
- (4) INSTALL 4" PAINTED SOLID WHITE STRIPE PER DIAGONAL SPACE DETAIL.
- 5 INSTALL WHEEL STOP AS SHOWN ON PLANS.
- 6 INSTALL PAVEMENT MARKING PER CALTRANS STD. PLAN A24A TYPE I 10'-0" ARROW.

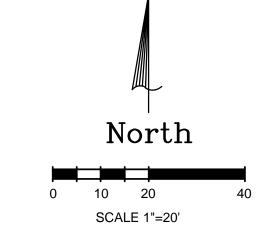




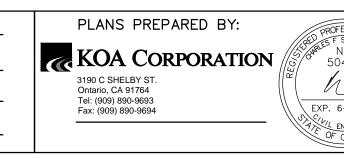
DIAGONAL STRIPE SPACE NOT TO SCALE

HAWTHORNE BLVD





				DESIGNED	
				DRAWN	
				CHECKED	
NO.	DATE	DESCRIPTION	APPROVED	CHECKED	
	REVISIONS				







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